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Name: \_\_\_\_\_

Practice Problems

Period: \_\_\_\_\_ Date: \_\_\_\_\_

Form #15409121822

[Step-By-Step](#)[Answers](#)[Save this Test!](#) / [Turn Into a Puzzle or Board Game!](#)

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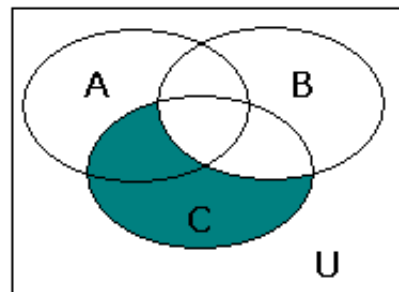
**Solve:**

- 1)  $U = \{2, 4, 5, 6, 8, 10, 11, 13\}$   $A = \{4, 8\}$ .  
 $B = \{6, 13\}$ .  $C = \{5, 10\}$ .  
 Find  $A'$

- 2)  $U = \{11, 12, 13, 16, 18, 20, 24\}$   $A = \{13\}$ .  
 $B = \{11, 13, 16, 24\}$ .  $C = \{12, 16, 20\}$ .  
 Find  $A - B$

- 3)  $U = \{12, 14, 16, 18, 20, 22, 23, 27\}$   
 $A = \{14, 16, 22, 23\}$ .  $B = \{14, 18, 22, 27\}$ .  
 Find  $A \cap B$

- 4) Define the following picture in symbol form:

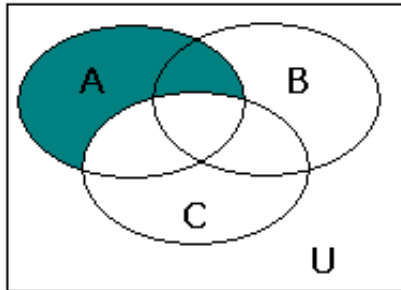


- 5)  $U = \{14, 15, 18, 20, 22, 23, 25\}$   
 $A = \{14, 15, 22, 25\}$ .  $B = \{15, 20, 23, 25\}$ .  
 Find  $A \cap B$

- 6)  $U = \{0, 1, 5, 6, 8, 10, 12\}$   $A = \{0, 1, 10, 12\}$ .  
 $B = \{6\}$ .  $C = \{1, 12\}$ .  
 Find  $B - C$

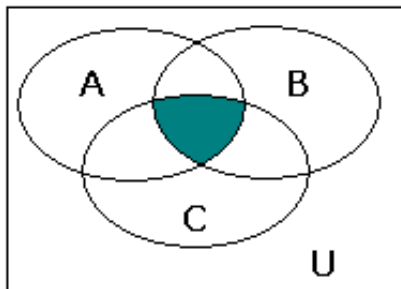
- 7)  $U = \{0, 1, 4, 6, 9, 11, 13\}$   $A = \{6\}$ .  $B = \{4, 9\}$ .  $C = \{1, 13\}$ .  
Find  $A'$
- 8)  $U = \{1, 3, 7, 8, 9\}$   $A = \{3\}$ .  $B = \{3, 7, 9\}$ .  
Find  $A \cap B$

- 9) Define the following picture in symbol form:

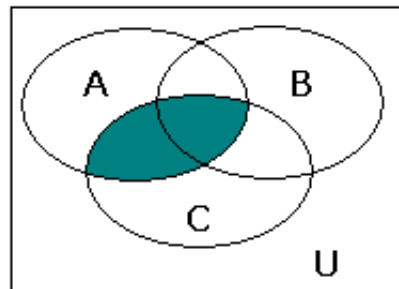


- 10)  $U = \{3, 5, 6, 7, 8, 10, 12\}$   $A = \{5\}$ .  
 $B = \{6, 12\}$ .  $C = \{3, 10\}$ .  
Find  $A \cap C$

- 11) Define the following picture in symbol form:



- 12) Define the following picture in symbol form:



**13)**  $U = \{11, 16, 17, 21, 23\}$   $A = \{11, 23\}$ .  
 $B = \{11, 16, 21, 23\}$ .  
Find  $B'$

**14)**  $U = \{1, 2, 4, 6, 9, 12\}$   $A = \{1, 4, 12\}$ .  
 $B = \{4, 6, 12\}$ .  
Find  $A - B$

**15)**  $U = \{21, 22, 24, 27, 29\}$   $A = \{22\}$ .  $B = \{21, 27\}$ .  
Find  $A \cap B$

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